Index

Advertising, 19, 23–25, 46, 66
Amazon.com, 168
America Online, 5, 45, 160
Anarchy, 174
Anderson, Benedict, 33
AOL-Time Warner, 5, 45, 108, 141, 153, 160
Apple Computer, 42
Aristotle, 50
Asimov, Isaac, 50
AT&T, 147, 160, 166
Auerbach, Ken, 163
Banality, 6, 18, 74, 183, 184
Barthes, Roland, 16, 30, 34, 154
Battery Park City, 146, 150
Baudrillard, Jean, 84, 141, 142
Beck, Ulrich, 181, 182
Bedford-Stuyvesant, 139
Bellamy, Edward, 119
Bell Canada Enterprises, 160, 161
Bell, Daniel, 64–68, 143, 144
Berman, Jerry, 107
Bertelsmann, 160
Biotechnology, 26, 33, 62
Borsook, Paulina, 97
Brands, 90, 171–173
Bricoleurs, 36
Broadband, 167, 168
Burke, Edmund, 23, 28
Burning Man festival, 17, 18
Business Improvement District, 153
Cairncross, Frances, 86, 87
Calendar, 35, 55
Campbell, Joseph, 28, 33
Canada, 160, 161
CanWest, 160
Carey, James W., 13, 15, 24, 70, 121
Case, Steve, 45
Castells, Manuel, 93
Cellular automata, 50, 51
Center for Democracy and Technology, 107
Centri Sociali, 173
Charisma, 74, 75
China, 47, 57
Cisco, 4, 5, 44, 165
City, 110–112
Clarke, Arthur C., 71
Code
binary, 155
hostile, 49
political, 114
Cognitive science, 26
Cold War, 4, 59, 63
Comdex, 42
Committee for a Reasonable World Trade Center, 147
Commodification, 156–158
Communication policy
international, 161
liberal, 167, 168
neo-liberal, 162
privacy and, 170
regulation and, 159, 160
technical standards and, 162–164
Community
imaginary, 33
virtual, 31, 52, 77
Computing
body and, 93
design and, 42
etly enthusiasm for, 25
embodied physicality, 21
godlike, 14
ubiquitous, 21
Consciousness, 75–77
Convergence, 5, 72, 174
Copyright, 47
Cosmopolitan politics, 183
Crackers, 173
Cultural studies, 142, 143
Cybernetics, 11
Cyberspace, 10, 11, 32–34, 52
Cyber-urbanism, 111
Dante Alighieri, 72, 94, 95
Davis, Erik, 69–71
de Certeau, Michel, 145
de Forest, Lee, 132, 133
Dell, 42
Democracy, liberal, 57
Deregulation, 43, 62
Dery, Mark, 69
Determinism, 7
Dewey, Fred, 111
Dewey, John, 15
DiBono, Louis, 151
Dick, Philip K., 47
Digital divide, 62, 167
Digital ecology, 52
Digital library, 51
Digitization, 155, 156
Direct TV, 160
Discourse, 13, 29
Doniger, Wendy, 16
Dotcom companies, 4–6, 25, 26
Douglas, Susan, 120, 131
Downtown Lower Manhattan Association, 148
Dunlap, Orrin, 134–136
Dyson, Esther, 20, 40, 41
eBay, 168
Edison Company, 123
Education
artificial intelligence and, 26
CD-ROMs and, 26
computer-assisted, 25
ten computer and, 26
radio and, 27, 129, 130
television and, 133, 136, 137
Einstein, Albert, 24, 94
Electrical Clubs, 123
Electrification, 19–20, 121–126
Electronic commerce, 51, 52
Electronic Frontier Foundation, 107
Electronics Industry Association, 138
Electronic spaces, 111
Eliade, Mircea, 10, 56
End of geography, 85–98
End of history, 57–68, 71–76, 81, 82
Enron, 65, 168, 169
ESPN, 160
Exchange value, 156
Federal Communications Commission, 27, 130, 138, 167, 170, 175, 180
Fiedler, Leslie, 30
Fitch, Robert, 147
Foucault, Michel, 29
Franzen, Jonathan, 55
Free Trade Agreement, 161
French Revolution, 35
Friedman, Lawrence, 99
Friedman, Thomas, 44
Fukuyama, Francis, 56–61
Gates, Bill, 20, 32, 36–38, 52, 76, 85, 167
Gateway, 42
Gelernter, David, 52
General Agreement on Tariffs and Trade, 161
General Electric, 128, 129, 160
Generational divide, 79
Generation X, 81
Geocode, 92
Gibson, William, 11, 12, 48
Gilder, George, 20, 41, 106, 168
Gillespie, Angus, 144, 145
Gingrich, Newt, 41, 107
Ginsparg, Paul, 166
Gitlin, Todd, 99
Giuliani, Rudolph W., 180, 181
Global Information Infrastructure, 38, 39
Gnosticism, 97, 98
Gore, Albert, 38, 39
Gotti, John, 151
Gramsci, Antonio, 29, 31
Great Chain of Being, 33
Great Depression, 5
Great White Way, 19, 46, 124
Greek mythology, 46–48, 122
Griffin, John, 148
Gutenberg, Johannes, 128
Habermas, Jürgen, 83
Hackers, 47–49
Harboard, General James G., 128
Harvey, David, 97
Hegel, G. W. F., 38
Hine, Thomas, 30
History
ancient and contemporary mind in, 36
denial and transcendence of, 34, 35
liberal democracy and, 57
and myth, 83, 84
Hollywood, 47, 101, 158
Hoover, Herbert, 128
Horizontal society, 89, 99
Houston, Edwin, 124, 125
Huber, Peter, 145
Hype, 25, 26
IBM, 83, 153
Immortality, 76–79
Individualism, 113
Information highway, 25, 51
Information revolution, 18, 19
Inoculation, 34, 59
Intellectual property, 46
Intelsat, 163
International Monetary Fund, 161
International Telecommunication Union, 162
Internet, 6, 30, 31, 38, 39, 52
Internet Corporation for Assigned Names and Numbers, 40, 41, 163, 164
Jacobs, Jane, 145, 147, 149, 180
Japan, 47
JDS, 4, 5
Jhally, Sut, 103
Johnson, Lyndon, 38
Journalism, 43–45
Kaczynski, Ted, 24
Kant, Immanuel, 58
Kaplan, Robert, 174
KaZaA, 173
Kelly, Kevin, 14, 17, 97
Keyworth, George, 100, 101, 107
Khomeini, Ayatollah Ruhollah, 59, 68
Kissinger, Henry, 177
Klein, Naomi, 171–174
Knowbots, 92
Kurzweil, Ray, 75, 76, 79
Labor, 64, 158, 159
Lanham, Richard, 20
Latour, Bruno, 12, 13, 56
Lee, Robert, 134–136
Lessig, Lawrence, 114
Lévi-Strauss, Claude, 28, 56
Libertarians, 106
Liberty Media Corporation, 160
Library of Congress, 73
Liminal space, 32, 48
Lindsay, John V., 149
Lower Manhattan Development Corporation, 178, 179
Lucent, 4, 5, 165
Luddites, 79
<table>
<thead>
<tr>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>MacIntyre, Alisdair, 29</td>
</tr>
<tr>
<td>Magic, 42, 43</td>
</tr>
<tr>
<td>black, 123</td>
</tr>
<tr>
<td>loss of, 184</td>
</tr>
<tr>
<td>television as, 135</td>
</tr>
<tr>
<td>white, 123</td>
</tr>
<tr>
<td>Market power, 60, 160, 161</td>
</tr>
<tr>
<td>Martin, Michele, 126, 127</td>
</tr>
<tr>
<td>Marvin, Carolyn, 121–124, 126</td>
</tr>
<tr>
<td>Marx, Karl, 31, 58, 59, 91</td>
</tr>
<tr>
<td>Marx, Leo, 22</td>
</tr>
<tr>
<td>Matrix, 47, 48</td>
</tr>
<tr>
<td>Mattelart, Armand, 117</td>
</tr>
<tr>
<td>Mauss, Marcel, 42</td>
</tr>
<tr>
<td>McLuhan, Marshall, 70–72</td>
</tr>
<tr>
<td>Media concentration, 159–161</td>
</tr>
<tr>
<td>Mercury, 46</td>
</tr>
<tr>
<td>Metaphor, 50</td>
</tr>
<tr>
<td>Microsoft, 5, 37, 38, 83, 160</td>
</tr>
<tr>
<td>Midgley, Mary, 14</td>
</tr>
<tr>
<td>Miege, Bernard, 157</td>
</tr>
<tr>
<td>Milken, Michael, 168</td>
</tr>
<tr>
<td>Mills, C. Wright, 15</td>
</tr>
<tr>
<td>Mitchell, William J., 90–94</td>
</tr>
<tr>
<td>Modernism, 32</td>
</tr>
<tr>
<td>Monsanto, 33</td>
</tr>
<tr>
<td>Moore's Law, 1, 77, 78</td>
</tr>
<tr>
<td>Morse, Samuel F. B., 119</td>
</tr>
<tr>
<td>Moses, Robert, 147, 180</td>
</tr>
<tr>
<td>Muskamp, Herbert, 178, 179</td>
</tr>
<tr>
<td>Music, 29</td>
</tr>
<tr>
<td>Myrhlvold, Nathan, 21</td>
</tr>
<tr>
<td>Mystical Body of Christ, 33</td>
</tr>
<tr>
<td>Myth, 22</td>
</tr>
<tr>
<td>in business, 32, 33</td>
</tr>
<tr>
<td>common sense and, 29</td>
</tr>
<tr>
<td>evidence and, 29</td>
</tr>
<tr>
<td>and history, 83, 84</td>
</tr>
<tr>
<td>inevitability of, 14, 15</td>
</tr>
<tr>
<td>and metaphor, 50–53</td>
</tr>
<tr>
<td>of miniature, 77</td>
</tr>
<tr>
<td>and networks, 117</td>
</tr>
<tr>
<td>and politics, 16</td>
</tr>
<tr>
<td>social function of, 13, 14</td>
</tr>
<tr>
<td>in song, 28</td>
</tr>
<tr>
<td>in story, 29</td>
</tr>
<tr>
<td>truth or falsity of, 29</td>
</tr>
<tr>
<td>Nanotechnology, 26</td>
</tr>
<tr>
<td>Napster, 173</td>
</tr>
<tr>
<td>Narrative stream, 52</td>
</tr>
<tr>
<td>Narrowcasting, 112</td>
</tr>
<tr>
<td>NASA, 38</td>
</tr>
<tr>
<td>National Association of Broadcasters, 132</td>
</tr>
<tr>
<td>National Federation of the Blind, 75</td>
</tr>
<tr>
<td>Nation-state myth, 33</td>
</tr>
<tr>
<td>Negroponte, Nicholas, 20, 36, 73–75</td>
</tr>
<tr>
<td>Neo-liberalism, 142, 162</td>
</tr>
<tr>
<td>Nerone, John, 36</td>
</tr>
<tr>
<td>New Magna Carta, 100</td>
</tr>
<tr>
<td>News Corporation, 160</td>
</tr>
<tr>
<td>Newton, Isaac, 13, 50, 96, 109, 110, 114</td>
</tr>
<tr>
<td>New York City, 85, 119, 122, 132, 138–154</td>
</tr>
<tr>
<td>New York Times Corporation, 160</td>
</tr>
<tr>
<td>Niagara Falls, 23, 123</td>
</tr>
<tr>
<td>Nietzsche, Friedrich, 58, 59</td>
</tr>
<tr>
<td>Noble, David, 13</td>
</tr>
<tr>
<td>Noll, A. Michael, 25</td>
</tr>
<tr>
<td>Noosphere, 69–71</td>
</tr>
<tr>
<td>NORAD, 101</td>
</tr>
<tr>
<td>Nortel, 4, 165, 170</td>
</tr>
<tr>
<td>North American Free Trade Agreement, 161</td>
</tr>
<tr>
<td>Nuclear power, 22, 37</td>
</tr>
<tr>
<td>Nuclear weapons, 101–103</td>
</tr>
<tr>
<td>Nye, David, 22, 123</td>
</tr>
<tr>
<td>Oettinger, Anthony, 25</td>
</tr>
<tr>
<td>Ohmae, Kenichi, 87–90</td>
</tr>
<tr>
<td>Omega point, 71, 79</td>
</tr>
<tr>
<td>Open source movement, 173</td>
</tr>
<tr>
<td>Palestine, 163</td>
</tr>
<tr>
<td>Pan-American Exposition, 122</td>
</tr>
<tr>
<td>Particularism, militant, 97</td>
</tr>
<tr>
<td>Patent Office, 37</td>
</tr>
<tr>
<td>Pay per view, 157</td>
</tr>
<tr>
<td>Political economy, 6, 7, 154–171</td>
</tr>
<tr>
<td>Polkinghorne, John, 79</td>
</tr>
<tr>
<td>Port Authority of New York and New Jersey, 150–152, 175</td>
</tr>
</tbody>
</table>
Index 217

Post-industrial society, 64–66, 143–145
Postman, Neil, 14, 15
Postmodernism, 32
Poverty, 22
Predictions
for atomic power, 22
for broadcast television, 132–136
for cable television, 137–140
for computer communication, 18, 20–22, 25, 26, 27, 75–77
for drinking water from sea, 22
for electricity, 22, 121–125
for family helicopter, 37
for nuclear power, 22, 37
for radio, 128–131
for railroads, 22
for steam power, 22
for telegraph, 119–121
for telephone, 126, 127
Price, Monroe, 140
Printing, 125, 128
Privacy, 32, 34, 62, 170
Private space, 111
Progress and Freedom Foundation, 105–115
Prometheus, 47–48
Public sphere, 111
Quantum politics, 110
Quebecor, 160
Radio
amateur operators of, 27
commercialization of, 132
and education, 27, 129, 130
growth of, 129
magic and, 131
and politics, 129
popularity of, 127
price of, 127
religion and, 128
routinization of, 131, 132
young users of, 130, 131
Radio Boys, 2, 80, 130, 137
Radio Corporation of America, 128, 129, 132, 147
Radio Row, 146, 147, 150
Rockefeller, David, 145, 149
Rockefeller, Nelson, 145, 149
Rogers Communication, 160
Rohatyn, Felix, 169
Rushdie, Salman, 68, 183, 184
Rushkoff, Douglas, 81, 82
Sarnoff, David, 132
SBC Communications, 160
Schmalensee, Richard, 38
Schon, J. Hendrik, 166
Searle, John, 77
Securities and Exchange Commission, 167, 168
Shaw Communication, 160
Silicon Alley, 153, 154
Silicon Valley, 147, 154, 170
Silverstein, Larry, 150, 179
Sloan Foundation, 139
Smith, Adam, 36
Smith, Ralph Lee, 137, 138
Social amnesia, 83, 84
Social class, 113
Social movements, 172–174
SoHo, 147
Sony, 108, 160
South Korea, 47
Space program, 38
Sprint, 166
Stock market, 3–5, 25, 26, 32, 140, 141
Strategic Computing Initiative, 102
Strategic Defense Initiative, 101–105
Streaming media, 26
Studio Libeskind, 177–179
Sublime, 22–25
Sun Microsystems, 107
Surveillance, 86, 87, 170, 171
Taiwan, 47
Tapscott, Don, 18, 79, 80, 130
Technomania, 21
Technoromanticism, 96
Teilhard de Chardin, Pierre, 69–71
Telecommunications Act (1996), 167
Telecommunications industry, 166
Telegraph, 119–121
Telephone, 39, 126, 127
Television, 132–140
Tipler, Frank, 79
Toffler, Alvin, 105–109, 114
Trickster, 47, 48
Turing, Alan, 50
Turkle, Sherry, 31, 100

University of the Air, 130

Veblen, Thorstein, 65
Verizon Communications, 160, 161
Vernon, Raymond, 148, 149
Viacom, 160
Victorian Internet, 120
Video cassette recorder, 61, 158
Vivendi Universal, 160

Wallace, Mike, 147
Walt Disney Corporation, 160
Washington Policy Group, 107
Weber, Max, 74
Wertheim, Margaret, 94–98, 150, 151
Wheeler, John, 50, 51
Whyte, William H., 149
Wicklein, John, 140
Wien, Lawrence, 147
Williams, Raymond, 97, 142
Wired Nation, 137
Wired Society, 1, 2
Wizard of Oz, 183, 184
Wolf, Christa, 14
Wolfram, Stephen, 51
Woolf, Virginia, 23, 24
World Bank, 161
WorldCom, 4, 165, 166
World Economic Forum, 173
World Financial Center, 148
World Social Forum, 173
World Trade Center, 143–154, 167–179
World Trade Organization, 161

Xerox PARC, 21